# General Information’s:

**Curriculum:** Interior and Spatial Design

**Name of Course: Design 1.**

**Course Code:** EPM017AN

**Semester:** 1

**Number of Credits:** 6

**Allotment of Hours per Week:** 8 lab

**Evaluation:** mid-term grade

**Prerequisites:** no

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## General Course Description

During the semester, our students will have a task from the design industry. We consider meeting not only fictitious or unreal tasks important, but real-life and actual challenges as well. The selection of the most suitable materials, the ergonomic analysis of the object, the determination of its structural stability, the development of the form appearing in accordance with the above mentioned points, the method of surface treatment regarding the object is specified during the semester with the introduction of several presentations. Within the framework of the course there will be a possibility to get acquainted with the materials and structures of interior design as well as to experiment with these materials and structures.

## Learning Outcomes The subject "Design 1" is focused on interior design and explores the boundaries between architecture and industrial design. The first semester of the course is dedicated to the interior design of a residential building, with an emphasis on experimentation. To start, students embark on a multidisciplinary research project that they use to create conceptual diagrams. These diagrams summarize their detailed conceptualization, which is presented using technical vocabulary and sophisticated graphics. The project requires students to investigate the basic materials of interior design, with a special emphasis on sustainability and the use of recycled materials. The goal is to conserve the Earth's material and energy resources by recycling rather than extracting.

## Subject content

Lecture: 1

Practice: 7

Laboratory Practice: 0

In Design 1, students are introduced to the interior design of residential buildings (conceptualization and realization plans).

**Examination and evaluation system**

**Attendance**

In accordance with the Code of Studies and Examinations of the University of Pécs, Article 45 (2) and Annex 9. (Article 3) a student may be refused a grade or qualification in the given full-time course if the number of class absences exceeds 30% of the contact hours stipulated in the course description..

Method for monitoring attendance: attendance sheet

**Assessment**

*A.) Course resulting in mid-term grade (PTE TVSz 40§(3))*

**Mid-term assessments, performance evaluation and their ratio in the final grade**

|  |  |  |
| --- | --- | --- |
| **Type** | **Assessment** | **Ratio in the final grade** |
| *Checkpoint-1* | *5 pont* | *10%* |
| *Checkpoint-2* | *5 pont* | *10%* |
| *Midterm presentation* | *20 pont* | *20 %* |
| ***1. MODUL summa*** | ***40 pont*** | ***40 %*** |
| *Checkpoint-3* | *10 pont* | *10%* |
| *Checkpoint-4* | *10 pont* | *10%* |
| *Final presenation* | *40 pont* | *40 %* |
| ***2. MODUL summa*** | ***60 pont*** | ***60%*** |

**Opportunity and procedure for re-takes (PTE TVSz 47§(4))**

The specific regulations for improving grades and resitting tests must be read and applied according to the general Code of Studies and Examinations. E.g.: all tests and assessment tasks can be repeated/improved at least once every semester, and the tests and home assignments can be repeated/improved at least once in the first two weeks of the examination period.

**Requirements for the end-of-semester signature**

**Mid-term assessments, performance evaluation and their weighting as a pre-requisite for taking the final exam** *(The samples in the table to be deleted.)*

**Requirements for the end-of-semester signature**

*By signing the semester paper, the instructor certifies that the student has fulfilled his/her obligations:*

*-attended classes (prepared for classes according to the syllabus)*

*-fulfilled the requirements of the course (timetable, syllabus, etc.)*

*-meet formal/content requirements (all parts of work completed and/or corrected, made up)*

*If these are fulfilled, the signature will be given*

*-for an examine subject, the candidate may be allowed to take the examination,*

*for a mid-term subject with a mark, a grade is assigned.*

*The signature only certifies the above, the assessment of the professional content is evaluated with a grade of 5 (1,2,3,4,5). So, you may have fulfilled all your assignments and therefore you get a signature, but you get an unsatisfactory grade due to the lack of professional content. If this happens at the end of the term (week 15), you may attempt to improve your grade 1 time during the exam period.*

*Week 14 Class date - end of semester or end-of-semester makes-up*

*-if passed, signature and mid-semester mark! (by Friday 12.00 noon of week 15)*

*Mid-semester grades are 5 levels (1,2,3,4,5)*

*-if not passed then NEPTUN recording (by Friday 15th week 12.00) - signature rejected ->*

*-or if signature is given but grade is unsatisfactory NEPTUN recording (by 12.00 noon Friday of the 15th week)*

*week 15 exam review make-up - all assessments 1x*

*-if passed then signature and midterm grade!*

*Midterm grade is 5 levels (1,2,3,4,5)*

*-if you pass and get a signature, but the midterm grade is unsatisfactory(1) then NEPTUN recording - you may retake the course in the next academic year!*

*-if not passed then signature is rejected - NEPTUN recording- you can retake the course in the next academic year*

***Re-takes for the end-of-semester signature*** *(PTE TVSz 50§(2))*

*The specific regulations for grade impovment and re-take must be read and applied according to the general Code of Studies and Examinations. E.g.: all the tests and the records to be submitted can be repeated/improved each at least once every semester, and the tests and home assignments can be repeated/improved at least once in the first two weeks of the examination period.*

**Calculation of the grade (TVSz 47§ (3))**

The mid-term performance accounts for 40 %, the performance at the exam accounts for 60 % in the calculation of the final grade.

**Calculation of the final grade based on aggregate performance in percentage**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Grade: | 5 | 4 | 3 | 2 | 1 |
|  | A, exelent | B, good | C, avarage | D, satisfactory | F, unsatisfactory |
| Performance in % | 85%-100% | 70%-84% | 55%-69% | 40%-55% | 0-39% |

## Readings and Reference Materials

Required:

[1.] Designing Interior Architecture Concept, Typology, Material, Construction - Sylvia Leydecker (pdf)

Recommended:

[2.] What is Affordable Housing? - Collin Anderson, Press: ARCHHIVE Books ISBN 1645704157 (ebook)

[3.] Einrichten und Zonieren- Reichel, Alexander, Herrmann, Eva, Schultz (pdf)

[4.] Model Apartments: Experimental Domestic Cells- [Gustau Gili Galfetti](https://www.amazon.com/Gustau-Gili-Galfetti/e/B001I9RSZC/ref=dp_byline_cont_book_1) (pdf)

[5.] Basics Interior Architecture Form+ structure, Brooker +Stone, Academia ISBN -13: 978-2-940373-40-6

[4.] Furniture for Interiors, Sam Booth and Drew Plunkett, British Library ISBN 978 1 78067 322 6

## Methodology

*The course is based on continuous communication between teachers and students.*

*The methodology:*

*1. regular consultation during class time according to the syllabus announced in the detailed course programme*

*2. independent work during class time according to the semester programme announced in the detailed syllabus*

*3. independent work at home*

*4. independent research, data collection, analysis*

*5. independent consultation with independent experts, if it necessary*

**Methodology and criteria:**

*“Beautiful offers us an invitation to order, coherence and unity. When these needs are met, the soul feels at home in the world.” - John O'Donohue*

The problem solving method used by the students models the real design process (complex problem approach = parallel analysis of function-structure-form), but also reflects the academic nature of university-level studies (research-analysis). The aim is to strengthen teamwork and to benefit from its advantages.

The semester task is to work through the following three phases:

***MODULE 1: Sustainable Design***

*Attending a series of lectures, applying the knowledge gained to the design of the semester.*

***MODULE 2 - Analysis and concept phase***

*In the first half of the semester, students will be introduced to sustainable interior design solutions supported by lectures, which they will apply and integrate into their analysis of their assignment in practical lessons in this module. In the context of experimental design and modelling, they will create modern living spaces, concluding with empirical findings that will form the basis for the development of a specific design concept. At the end of the conceptual design phase, the design brief should be presented through various diagrams, drawings and possibly working model photographs. The documentation of the creative thinking process is essential for successful communication.*

***MODULE 3 - Planning phase***

*The second half of the semester is the time to unpack and specify the plan. By the end of the semester, the interior design (building) is clearly defined. The interior design and the system of structural connections are worked out. The documentation will include drawings at M:1:50 scale, a site plan showing the layout, perspective views and a phisical model. Non-completion of any part of the work will be considered as a fail, therefore it is not evaluated and the work is not considered as completed. The assignment also includes the presentation of updated concept drawings, with a visual and understandable presentation of the development.*

*Each phase should be discussed at team level (students + the consultants) during the class:*

*- joint discussion - presentation and discussion of the work done at home, raising any problems that have not yet been identified, analysis of possible answers to the problems identified*

*- independent analysis of the problems identified*

*- collective discussion - presenting and discussing the work done in class, raising any problems that have not yet been identified, analysing possible answers to the problems identified*

## Students with Special Needs

Students with a disability and needs to request special accommodations, please, notify the Deans Office. Proper documentation of disability will be required. All attempts to provide an equal learning environment for all will be made.

*Detailed syllabus and requirements*

*During the semester, students are introduced to the interior design of living spaces. Design is rarely a lonely process, so the task will be solved as a result of group work. Groups will be formed of 3 students.*

*Our aim is to challenge students in real-life situations during their master studies. Therefore, this semester, the student groups will participate in an international student competition:* ***’Los Angeles Affordable housing challenge’*** *(application form attached to the syllabus)*

*It is part of the semester's fulfillment of the students, to submit a completed application via the* ***Bee Breeders*** *website:* [*https://architecturecompetitions.com/losangeleschallenge*](https://architecturecompetitions.com/losangeleschallenge)

***Deadline for submission:06.12.2023***

*Student groups will be provided with the silhouette of the house (in the annex) to be used with dimensional accuracy to create the interior design. The silhouettes are of known international dwellings. The houses are included in the task description in order to familiarise the students with them, but they SHOULD NOT BE COPIED, or closely used as INSPIRATION. The task focuses on the interior design, but its projection on the façade should not be forgotten in the creation of the interior design concept and the construction plans - the students are responsible for composing the openings in the silhouette and for designing the use of materials on the exterior of the building in a way that refers to the spirit of the materials and solutions used in the interior design. The competition draws attention to modularity and the possibility of further construction/extension, which should also be mentioned when submitting the work.*

*Students will carry out detailed research before starting the design:*

*- sustainable design, sustainable use of materials, sustainable interior design solutions*

*- about Los Angeles*

*- searching for the exact location of the house*

*- find the target group of people who would move in - define the client precisely*

*As a summary of the research, a design concept is created in the light of sustainability, needs, location and illustrated with concept diagrams. This will be the series of diagrams that the students will unpack over the semester, and they will be able to refer back to these basic concepts whenever questions arise in the details.*

*The minimum content of the concept diagrams (graphically represented): who, why, where, how (sustainability is part of it) the plan is made.*

*In the next phase of the semester, the concept unfolding will be the task of the student groups, concluding with the preparation of an interior design concept plan. In week 7, the groups will make presentations to the tutors and to each other during class time.*

*After the interior design concept plan, the groups will develop the final interior design plan of the design concept, which will also be built in the form of a phisical model. The materials used in the plans should be illustrated in abstract form on the model. A photograph of the mock-ups should be taken and included as a visualisation plan in the end-of-semester submission (example uploaded).*

*In the 13th week, the students, together with the tutors, will choose which parts of the work will be presented in the competition submission material and will also consult the poster. By the end of class in week 14, students will upload and finalise the application material on the application page Bee Breeders.*

*In week 14, groups will present their final work in the form of a digital (PPT) presentation. The presentation must include all the work elements listed in the course theme. Along with the presentation, students must print the competition sheet and bring the completed phisical model to the presentation.*

**Tasks and minimum requirements:**

***MODULE 1.*** *minimum technical and design requirements for the task:*

***1.1 Checkponit-1***

*To be submitted:*

*Research the subject and location of the design brief and inspiration collection.*

*On a digital basis in MS TEAMS: A/4 format in a digital booklet (optimized, stapled pdf):*

*Minimum contatnt:*

*- series of diagrams and drawings illustrating the assessment criteria and starting points*

*- as many site and environmental analyses as necessary*

*- inspiration sheets, pictures*

***1.2 Checkpoint-2***

*To be submitted:*

*Research the subject and location of the design brief and inspiration collection.*

*On a digital basis in MS TEAMS: A/4 format in a digital booklet (optimized, stapled pdf):*

*Minimum contatnt:*

*- conceptual diagrams and drawings for spatial, environmental, and form design*

*- material concept diagrams, lighting concept diagrams, mood boards, ect.*

***MIDTERM submitted:***

*Conceptual presentation of the interior design, including its impact on the exterior*

*On a digital basis in MS TEAMS: A/4 format in a digital booklet (optimised, stapled pdf):*

*Minimum content:*

*concept diagrams:*

*- series of diagrams and drawings illustrating the analysis aspects and reference points*

*- as many site and environmental analyses as necessary*

*- series of diagrams, drawings illustrating the concept,*

*- spatial planning, environmental and conceptual design- proof of mass form, site fit and values*

*technical drawings:*

*- site plan, layout drawing m 1:500, m 1:250*

*- floor plans, including close environment m 1:100*

*- required number of wall views 1:100*

*- 3D vizualization min:3 pcs.*

***MODULE 2.*** *minimum technical and design requirements for the task:*

***2.1 Checkpoint-3***

*To be submitted:*

*Research the subject and location of the design brief and inspiration collection.*

*On a digital basis in MS TEAMS: A/4 format in a digital booklet (optimized, stapled pdf):*

*Minimum contatnt:  
 - Floor plans m1:50*

*- Paving layout plan m1:50 (if relevant)*

*- Ceiling plans m 1:50*

***2.2 Checkpoint-4***

*To be submitted:*

*Research the subject and location of the design brief and inspiration collection.*

*On a digital basis in MS TEAMS: A/4 format in a digital booklet (optimized, stapled pdf):*

*Minimum contatnt:*

*- Wall views (min 8, needed for understanding) m1:50*

*- Detail drawings m 1:25 m1:10*

***FINAL PRESENTATION//COMPETITION MATERIAL submission:***

*Final design, phisical model*

*Paper-based: application file*

*On a digital basis in MS TEAMS: A/4 format in a digital booklet (optimised, stapled pdf).*

*Minimum content:*

*- Site plan (with wider surroundings) m1:500, m1:250 in consultation with the supervisor*

*- Concept diagrams (updated)*

*- Floor plans m1:50*

*- Paving layout plan m1:50 (if relevant)*

*- Ceiling, lighting plan m1:100*

*- Wall views (min 8, required for understanding) m1:50*

*- Detail drawings m1:10, m1:5*

*- Façades - in consultation with the supervisor m 1:200*

*- Sketches, renderings (exterior and interior), photograf from the phisical model, with Photoshop refinement*

*- Supplementary diagrams, photos*

*- Phisical model*

## Schedule

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Lecture | | | | |
| week | **Topic** | **Compulsory reading; page number**  **(from … to …)** | **Required tasks (assignments, tests, etc.)** | **Completion date, due date** |
| 1. | Semester welcome speech, introduction to the semester  How to do research | Basics Interior Architecture Form+ structure, Brooker +Stone, Academia ISBN -13: 978-2-940373-40-6  pp.125-145 | Class attendance |  |
| 2. | Case study: concept diagrams | Designing Interior Architecture Concept, Typology, Material, Construction - Sylvia Leydecker (pdf) pp. 10-50 | Class attendance |  |
| 3. | Sensory perception – Bosch Lab // Case study: Majorossy | Basics Interior Architecture Form+ structure, Brooker +Stone, Academia ISBN -13: 978-2-940373-40-6  pp.125-145 | Class attendance |  |
| 4. | Sustainability in Interior Design //dr. András Reith | Einrichten und Zonieren- Reichel, Alexander, Herrmann, Eva, Schultz (pdf) pp.10-49 |  |  |
| 5. | Sustainability in Interior Design //dr. András Reith | Einrichten und Zonieren- Reichel, Alexander, Herrmann, Eva, Schultz (pdf) pp.10-49 |  |  |
| 6. | - |  |  |  |
| 7. | MIDTERM presenation |  | Student presentations |  |
| 8. | National holiday |  |  |  |
| 9. | Sustainability in Interior Design //dr. András Reith | Furniture for Interiors, Sam Booth and Drew Plunkett, British Library ISBN 978 1 78067 322 6 pp.18-95 |  |  |
| 10. | Sustainability in Interior Design //dr. András Reith | Furniture for Interiors, Sam Booth and Drew Plunkett, British Library ISBN 978 1 78067 322 6 pp.18-95 |  |  |
| 11. | Case study: detail drawing, lightening plan, wallview | Lightening for Interior Deign, Malcom Innes pp.48-71. |  |  |
| 12. | Template: phisical model | in practice |  |  |
| 13. | Template: poster design | in practice |  |  |
| 14. | FINAL PRESENTION |  | Student presentations |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Practice/Laboratory Practice | | | | |
| week | **Topic** | **Compulsory reading; page number**  **(from … to …)** | **Required tasks (assignments, tests, etc.)** | **Completion date, due date** |
| 1. | Research  Team registration:  https://architecturecompetitions.com/losangeleschallenge/ | - | A summary essay:  - on sustainable design, sustainable use of materials, sustainable interior design  - about Los Angeles  - finding the exact location for the house  - find the target group of people who would move in - define the client precisely |  |
| 2. | Research  Team registration:  https://architecturecompetitions.com/losangeleschallenge/ |  | Summary of research results in Figures |  |
| 3. | Concept figures/ Analysis |  | *Chekpoint-1. presentation, digital presentation of your work according to the requirements:*  *Research, Concept Diagrams/ Analysis* |  |
| 4. | Concept plan m1:200 drawings |  |  |  |
| 5. | Concept plan m1:200 drawings |  | *Chekpoint-2. presentation, digital presentation of your work according to the requirements:*  *Concept Figures/ Analysis, Drawings (floor plan, section, massing)* |  |
| 6. | Concept plan m1:200 drawings |  |  |  |
| 7. | MIDTHERM presentation |  | Digital presentation with content on the syllabus | Week 7 by 12.00 noon each team must upload their presentation to MsTeams |
| 8. | National holiday |  |  | presentation to MsTeams |
| 9. | Wall views M1:50, Detail drawings M1:25 |  |  |  |
| 10. | Wall views M1:50, Detail drawings M1:25 |  | *Chekpoint-3. presentation, digital presentation of your work according to the requirements:*  *Wall views M1:50, Detail drawings M1:25* |  |
| 11. | Furniture plan detail consultation, lighting plan consultation M1:50 M1:10 1:5 |  |  |  |
| 12. | Furniture plan detail consultation, lighting plan consultation M1:50 M1:10 1:5  consultation of the physical model, Poster consultation |  | *Chekpoint-4. presentation, digital presentation of your work according to the requirements:*  Furniture plan detail consultation, lighting plan consultation M1:50 M1:10 1:5 |  |
| 13. | Furniture plan detail consultation, lighting plan consultation M1:50 M1:10 1:5  consultation of the physical model, Poster consultation |  | Details as specified in the call of the competition. In consultation with the supervisor Using a coherent graphic design approach. |  |
| 14. | FINAL PRESENTATION, Submission of competition material |  | Digital presentation with the contetnts of the syllabus | Week 14 by noon each team must upload their presentation to MsTeams  Uploaded until week 14:  https://architecturecompetitions.com/losangeleschallenge/ |

Agnes Borsos dr.

course director

Pécs,01.09.2023